STN Search

10/560,251
DJD
9/29/07

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=> d his full

     (FILE 'HOME' ENTERED AT 15:53:20 ON 29 SEP 2007)

     FILE 'REGISTRY' ENTERED AT 15:53:35 ON 29 SEP 2007
L1             STRUCTURE UPLOADED
               D QUERY
L2           4 SEA SSS SAM L1
L3          82 SEA SSS FUL L1

     FILE 'CAPLUS' ENTERED AT 15:53:58 ON 29 SEP 2007
L4          30 SEA ABB=ON  PLU=ON  L3
               D L4 1-30 ABS IBIB HITSTR

     FILE 'CASREACT' ENTERED AT 16:01:08 ON 29 SEP 2007
L5             STRUCTURE UPLOADED
               D QUERY
L6           0 SEA SSS SAM L5 (     0 REACTIONS)
L7           3 SEA SSS FUL L5 (    11 REACTIONS)
               D L7 1-3


     FILE HOME

     FILE REGISTRY
     Property values tagged with IC are from the ZIC/VINITI data file
     provided by InfoChem.

     STRUCTURE FILE UPDATES:   28 SEP 2007  HIGHEST RN 948877-55-2
     DICTIONARY FILE UPDATES:  28 SEP 2007  HIGHEST RN 948877-55-2

     New CAS Information Use Policies, enter HELP USAGETERMS for details.

     TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

       Please note that search-term pricing does apply when
       conducting SmartSELECT searches.

     REGISTRY includes numerically searchable data for experimental and
     predicted properties as well as tags indicating availability of
     experimental property data in the original document.  For information
     on property searching in REGISTRY, refer to:

     http://www.cas.org/support/stngen/stndoc/properties.html

     FILE CAPLUS

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     FILE COVERS 1907 - 29 Sep 2007  VOL 147 ISS 15
     FILE LAST UPDATED: 28 Sep 2007  (20070928/ED)
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They are available for your review at:

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FILE CASREACT
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FILE CONTENT:1840 - 29 Sep 2007 VOL 147 ISS 15

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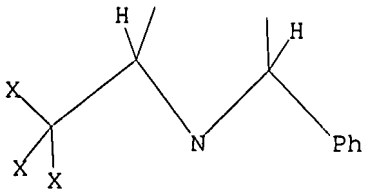
* CASREACT now has more than 12 million reactions
*
****

Some CASREACT records are derived from the ZIC/VINITI database (1974-1999) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

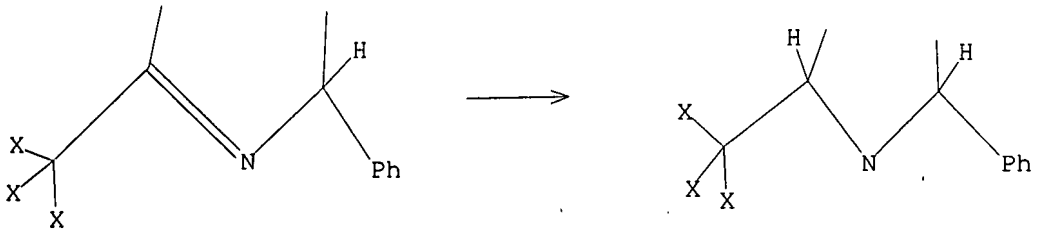
This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> d l5
L5 HAS NO ANSWERS
L5 STR



Structure attributes must be viewed using STN Express query preparation.

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L4 ANSWER 29 OF 30 CAPLUS COPYRIGHT 2007 ACS on STN

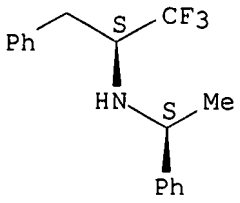
AB (S)-(-)-PhCHMeNH2 with ketones PhCOCF3, PhCH2COCF3, or PhCO(CF2)2CF3 gave the chiral imines, which were reduced to the amines, e.g., with (MeOCH2CH2O)2AlH. Hydrogenolysis of chiral amine PhCH(CF3)NHCHMePh over Pd on charcoal gone (s)-(+)-PhCH(CF3)NH2 (I). The diastereoisomeric carbamates derived from I and chloroformates of (R)-(-)-menthol or (R)-(-)-2-octanol showed greater chromatog. separation and an inverted elution order compared to nonfluorinated analogs.

ACCESSION NUMBER: 1977:452888 CAPLUS
DOCUMENT NUMBER: 87:52888
TITLE: Design of chiral derivatizing agents for the chromatographic resolution of optical isomers. Asymmetric synthesis of some chiral fluoroalkylated amines
AUTHOR(S): Pirkle, W. H.; Hauske, J. R.
CORPORATE SOURCE: Sch. Chem. Sci., Univ. Illinois, Urbana, IL, USA
SOURCE: Journal of Organic Chemistry (1977), 42(14), 2436-9
CODEN: JOCEAH; ISSN: 0022-3263
DOCUMENT TYPE: Journal
LANGUAGE: English

IT 62198-03-2P 62198-04-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 62198-03-2 CAPLUS
CN Benzeneethanamine, N-(1-phenylethyl)-α-(trifluoromethyl)-, [S-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 62198-04-3 CAPLUS
CN Benzeneethanamine, N-(1-phenylethyl)-α-(trifluoromethyl)-, [S-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.